



PATENT
ATTORNEY DOCKET NO: 04712/02000G

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD OF PREPARING A POORLY CRYSTALLINE CALCIUM PHOSPHATE AND METHODS OF ITS USE, the specification of which

☒ was filed on April 12, 1999 as Application Serial No. 09/284,297 and was described and claimed in PCT International Application No. PCT/US97/18632 filed on October 16, 1997 and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Serial Number	Filing Date	Priority Claimed?
PCT	PCT/US97/18631	16 October 1997	<u>Yes</u>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

COMBINED DECLARATION AND POWER OF ATTORNEY


Serial Number	Filing Date	Status
08/732,016	16 October 1996	Pending
08/729,344	16 October 1996	Pending
08/729,343	16 October 1996	Pending

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162, Karen L. Elbing, Ph.D. Reg. No. 35,238, Kristina Bieker-Brady, Ph.D. Reg. No. 39,109, Susan M. Michaud, Ph.D. Reg. No. 42,885, Mary Rose Scozzafava, Reg. No.36,268.

Address all telephone calls to: Mary Rose Scozzafava, Ph.D. at 617/428-0200.

Address all correspondence to: Mary Rose Scozzafava, Ph.D. at Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Dosuk D. Lee	Brookline, MA	Apt. 518 50 Longwood Avenue Brookline, MA 02146	U.S.A.
Signature: 			Date: 6/5/09

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Christian Rey	Aureville, Castanet, France	Lieu-dit "Les Dames" Aureville, F-31320 Castanet, France	France
Signature:			Date:

COMBINED DECLARATION AND POWER OF ATTORNEY

Serial Number	Filing Date	Status
08/732,016	16 October 1996	Pending
08/729,344	16 October 1996	Pending
08/729,343	16 October 1996	Pending


I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162, Karen L. Elbing, Ph.D. Reg. No. 35,238, Kristina Bieker-Brady, Ph.D. Reg. No. 39,109, Susan M. Michaud, Ph.D. Reg. No. 42,885, Mary Rose Scozzafava, Reg. No.36,268.

Address all telephone calls to: Mary Rose Scozzafava, Ph.D. at 617/428-0200.

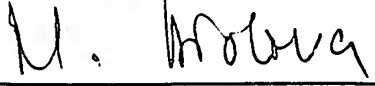
Address all correspondence to: Mary Rose Scozzafava, Ph.D. at Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110.

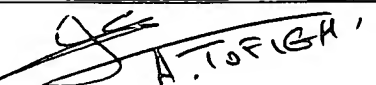
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Dosuk D. Lee	Brookline, MA	Apt. 518 50 Longwood Avenue Brookline, MA 02146	U.S.A.
Signature:			Date:

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Christian Rey	Aureville, Castanet, France	Lieu-dit "Les Dames" Aureville, F-31320 Castanet, France	France
Signature: 			Date: 6/9/99

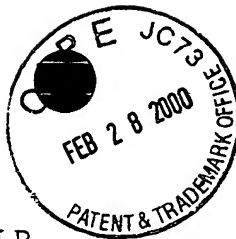
COMBINED DECLARATION AND POWER OF ATTORNEY

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Maria Aiolova	Brookline, MA	123 Seawall Avenue Brookline, MA 02146	U.S.A.
Signature: 			Date: 6/4/99

Full Name (First, Middle, Last)	Residence Address (City, State, Country)	Post Office Address (Street, City, State, Country)	Citizenship
Aliassghar Tofighi	Belmont, MA	204 Waverly Street Belmont, MA 02178	France
Signature: 			Date: 6-4-1999

AUGUST 23, 1999

CLARK & ELBING LLP
MARY ROSE SCOZZAFAVA, PH.D.
176 FEDERAL STREET
BOSTON, MA 02110



PTAS



04712/020006
UNITED STATES DEPARTMENT OF COMMERCE
Patent & Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



101073669A

SEP 07 1999

CLARK & ELBING

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/18/1999

REEL/FRAME: 010037/0216
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LEE, DOSUK D.

DOC DATE: 06/04/1999

ASSIGNOR:

REY, CHRISTIAN

DOC DATE: 06/09/1999

ASSIGNOR:

AILOVA, MARIA

DOC DATE: 06/04/1999

ASSIGNOR:

TOFIGHI, ALLIASSGHAR

DOC DATE: 06/04/1999

ASSIGNEE:

ETEX CORPORATION
38 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09284297

PATENT NUMBER:

PCT NUMBER: US9718631

FILING DATE:

ISSUE DATE:

010037/0216 PAGE 2

SERIAL NUMBER: 09284297
PATENT NUMBER:
PCT NUMBER: US9718631

FILING DATE:
ISSUE DATE:

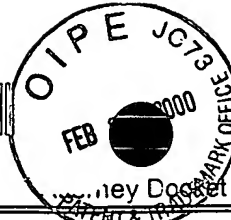
PEARLENE FOSTER, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-24-1999

6.18.99



101073669



Substitute Form PTO-1595

Patent Document Number: 04712/02000G

Certificate of Mailing: Date of Deposit June 18, 1999

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Julie A. Bowen
Printed Name

Signature

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner of Patents & Trademarks: Please record the attached document.

<p>1. Names of all conveying parties:</p> <p>Dosuk D. Lee Christian Rey Maria Aioloa Alliassghar Tofghi</p> <p>Additional names attached: NO</p>	<p>2. Names and addresses of all receiving parties:</p> <p>Etex Corporation 38 Sidney Street Cambridge, MA 02139</p> <p>Additional names/addresses attached</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____</p> <p>Execution Date: 6/4/99, 6/9/99</p>	
<p>4. Application numbers or patent numbers:</p> <p>A. Patent Application Numbers:</p> <p>09/284,297 PCT/US97/18631</p>	<p>B. Patent Numbers:</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Mary Rose Scozzafava, Ph.D. Reg. No. 36,268 Clark & Elbing LLP 176 Federal Street Boston, MA 02110</p>	<p>6. Total number of applications/patents involved: 2</p> <p>7. Total fee (37 CFR 3.41): \$80 <input checked="" type="checkbox"/> Fee enclosed <input type="checkbox"/> Authorized to charge deposit account</p> <p>8. Deposit account number: 03-2095. If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to Deposit Account No. 03-2095.</p>

06/22/1999 15:44:00Z 00000012 0404-257

DO NOT USE THIS SPACE

21 5017

00.00 00

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Mary Rose Scozzafava, Ph.D.
Name of person signing

Signature

June 18, 1999
Date

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Dosuk D. Lee	Brookline	Massachusetts
Christian Rey	Aureville	Castanet, France
Maria Aiolova	Brookline	Massachusetts
Aliassghar Tofighi	Belmont	Massachusetts

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Etex Corporation	Delaware	38 Sidney Street Cambridge, MA 02139

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
METHOD OF PREPARING A POORLY CRYSTALLINE CALCIUM PHOSPHATE AND METHODS OF ITS USE	April 12, 1999	09/284,297
METHOD OF PREPARING A POORLY CRYSTALLINE CALCIUM PHOSPHATE AND METHODS OF ITS USE	October 16, 1997	PCT/US97/18631

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at

ETEX Corporation

this 4 day of JUNE, 1999


DOSUK D. LEE

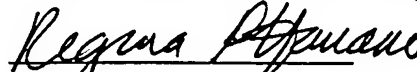
L.S.

STATE OF MASSACHUSETTS:

COUNTY OF MIDDLESEX:

:ss.

Before me this 4th day of June, 1999, personally appeared DOSUK D. LEE known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.


Notary Public

Regina Otaviano

My Commission Expires: 5/21/2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at ETEX Corporation,
this 4 day of JUNE, 1999

M. Aiolo L.S.
MARIA AIOLOVA

STATE OF MASSACHUSETTS

COUNTY OF MIDDLESEX:

:ss.

Before me this 4th day of June, 1999, personally appeared MARIA AIOLOVA known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Regina Ottaviano
Notary Public
Regina Ottaviano
My Commission Expires: 5/21/2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at ETEX Corporation,
this 4 day of JUNE, 1999

A. Tofighi L.S.
ALIASSGHAR TOFIGHI

STATE OF MASSACHUSETTS

COUNTY OF MIDDLESEX:

:ss.

Before me this 4th day of June, 1999, personally appeared ALIASSGHAR TOFIGHI known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Regina Ottaviano
Notary Public
Regina Ottaviano
My Commission Expires: 5/21/2004

[Notary's Seal Here]

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Dosuk D. Lee	Brookline	Massachusetts
Christian Rey	Aureville	Castanet, France
Maria Aiolova	Brookline	Massachusetts
Aliassghar Tofighi	Belmont	Massachusetts

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Etex Corporation	Delaware	38 Sidney Street Cambridge, MA 02139

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
METHOD OF PREPARING A POORLY CRYSTALLINE CALCIUM PHOSPHATE AND METHODS OF ITS USE	April 12, 1999	09/284,297
METHOD OF PREPARING A POORLY CRYSTALLINE CALCIUM PHOSPHATE AND METHODS OF ITS USE	October 16, 1997	PCT/US97/18631

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Toronto,
this 9th day of June, 1999

Christian Rey L.S.
CHRISTIAN REY

Before me this 9th day of June, 1999, personally appeared **CHRISTIAN REY** known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Dominique BONSIRVEN
Witness **Dominique BONSIRVEN**

Stéphanie SARDA
Witness **Stéphanie SARDA**